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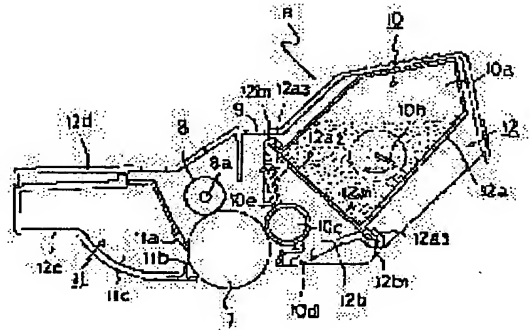
SATO MINORU

## (54) PROCESS CARTRIDGE AND IMAGE FORMING DEVICE

## (57)Abstract:

**PURPOSE:** To facilitate the recycling of a frame body by separably coupling plural frame bodies housing an image carrier and a process mean so that a process cartridge may be constituted.

**CONSTITUTION:** The process cartridge B is constituted of three frame bodies such as a toner frame body 12a, a developing frame body 12b, and a cleaning frame body 12c. In the case of assembling both frame bodies 12a and 12b, a seal 12a2 is stuck to the aperture 12a1 of the toner frame body 12a and seals the aperture 12a1, and then the locking calyx 12a3 of the toner frame body 12a is inserted from an aperture part in the longitudinal direction of a locking recessed part 12b1 so as to couple both frame bodies 12a and 12b. A developing sleeve 10d is incorporated in the developing frame body 12b and toner is put in the toner frame body 12a from a toner insertion port, thereby using the cartridge. When an already used cartridge is recovered and disassembled, both frame bodies 12a and 12b are easily separated just by allowing the toner frame body 12a to slide along the recessed part 12b1 of the developing frame body 12b in the longitudinal direction.



## LEGAL STATUS

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